

How can Uzbekistan improve its energy supply?

A critical issue is how to increase efficiency, attract investments and new entrants, and diversify energy supply in Uzbekistan's current energy system in which gas, electricity and heat are supplied by financially burdened monopolies at strongly subsidised prices.

What is the electricity price in Uzbekistan?

The residential electricity price in Uzbekistan is UZS 295.000 per kWh or USD 0.023. The electricity price for businesses is UZS 900.000 kWh or USD 0.071. These retail prices were collected in March 2024 and include the cost of power, distribution and transmission, and all taxes and fees. Compare Uzbekistan with 150 other countries.

How much money does Uzbekistan spend on natural gas?

The IEA estimates that in 2020, Uzbekistan's implied subsidies on natural gas, electricity and oil amounted to USD 3.8 billion, or 6.6% of the country's gross domestic product (GDP). The low price of natural gas in particular creates distortions.

How much energy does Uzbekistan use?

Total energy consumption dipped by 1.2% in 2023 to 45.6 Mtoe. It has ranged between 41 and 53 Mtoe since 2000. Uzbekistan's energy intensity is among the highest in the world but is falling rapidly (-6.5%/year since 2000).

What percentage of electricity does Uzbekistan export?

In 2014, the country generated about 54,400 gigawatt-hours (GWh) of electric power, of which it exported 1,400 GWh or 2.6%. Uzbekistan's power transmission system consists of 1,850 km of 500 kV lines, 6,200 km of 220 kV lines, and 15,300 km of 110 kV lines. The government owns and manages the energy sector in Uzbekistan.

Will electricity demand increase in Uzbekistan?

Electricity demand in Uzbekistan is set to grow in the coming years and decades. The government expects it to roughly double to 2030. The whole population has access to affordable electricity, and growing electrification is set to increase demand from the current low level of supply of around 2 000 kilowatt-hours (kWh) per capita per year.

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